

Overview of NextGen Weather

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WWW.JPDO.GOV



Purpose

- We're building a national plan for tackling a difficult issue
- We're introducing and discussing a concept of how weather information is integrated into all aspects of the future air transportation system with the goal of reducing weather delays



Where's the Beef? (with apologies to Wendy's)

- We hear the concern that there is significant hand waving and pontification going on, but no tangible progress is being made
- This workshop is intended to help us place specifics into the NextGen Integrated Work Plan
 - Fiscal alignment
 - R&D
 - Prototypes and Demos
- This workshop cuts across many, if not all of the NextGen working groups



A brief glimpse of history

- Weather Working Group started Sept 2003
- Over the past 4 years a concept/vision has been created which integrates into the overall NextGen vision
- The vision was built by subject matter experts



Next Generation Air Transportation System



**WEATHER
CONCEPT OF OPERATIONS**

Version 1.0
May 13, 2006

Weather Integrated Product Team
Joint Planning and Development Office
1500 K Street, NW
Suite 500
Washington, DC 20005

Joint Planning and
Development Office

Concept of Operations
for the
**Next Generation Air
Transportation
System**

Version 2.0
13 June 2007



JPDO Weather Policy Study Team

**NextGen Weather Policy
Findings and Recommendations
Version 0.1**

October 31, 2007



**Weather Functional
Requirements
For
NextGen
Air Traffic Management
Version 0.6**

December 21, 2007

DRAFT

**JPDO Weather
Functional
Requirements
Study Team**

Joint Planning and
Development Office

Integrated Work Plan
for the
**Next Generation Air
Transportation
System**

Version 0.1
31 July 2007



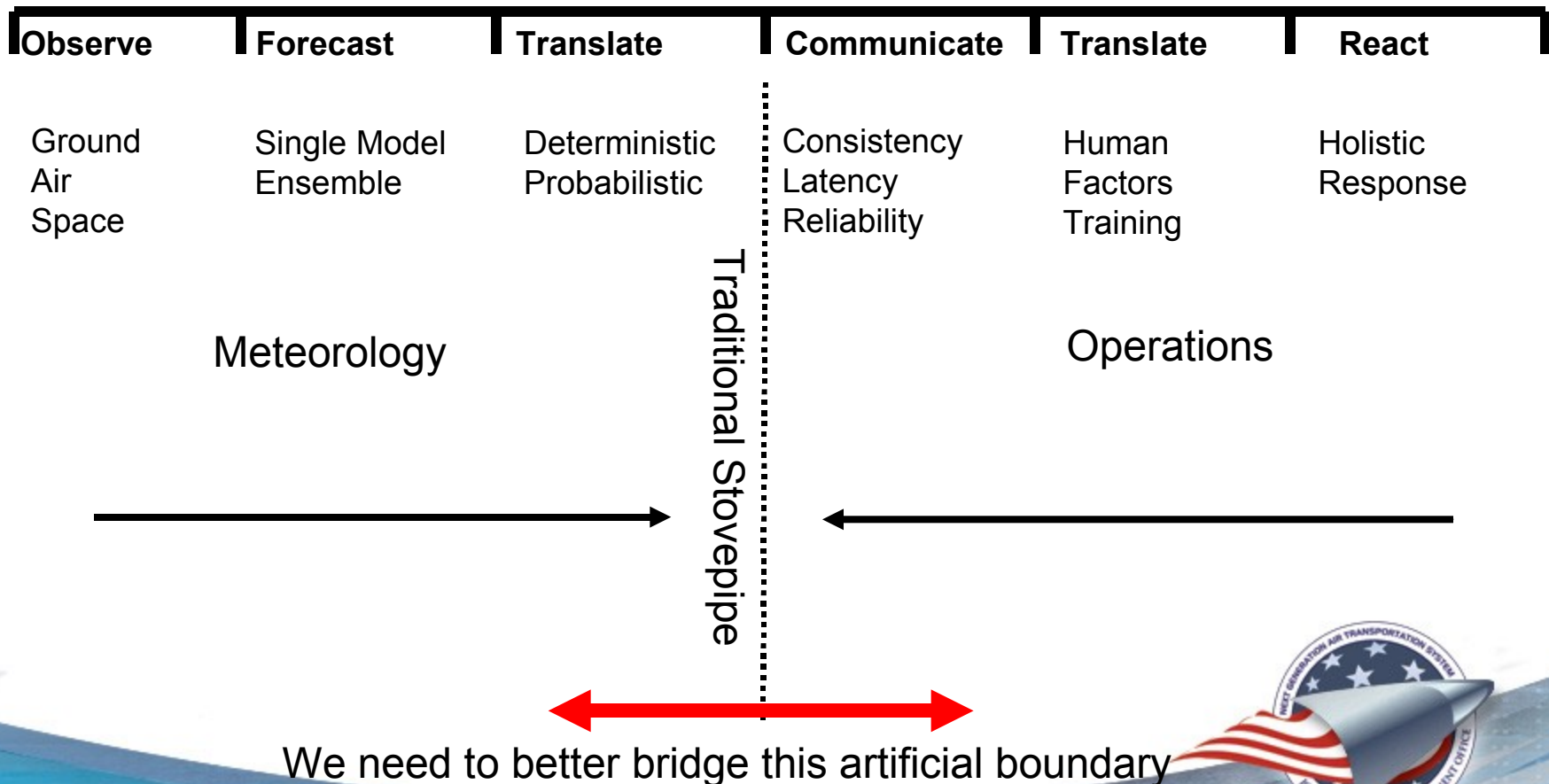
Joint Planning and
Development Office

Business Case
for the
**Next Generation Air
Transportation
System**

Version 1.0
24 August 2007



Perfect Forecast Process



Rules of Engagement

- All options are on the table
- You are allowed to explore the inside and outside of the box
- We are not “gatekeeping” this week
- These are large sessions, which likely will be difficult to manage—please try to be concise in your questions/comments so others may also participate
- Just don’t say “no”
- The JPDO is here to listen

